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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Tarvin, Jeffery A. et al.

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Group Art Unit: 3676

Serial No.: 10/711,918

Examiner: Ditrani, Angela M.

Filed: October 13, 2004

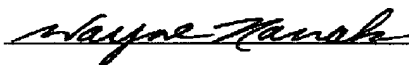
For: SYSTEM AND METHOD TO
INTERPRET DISTRIBUTED
TEMPERATURE SENSOR DATA AND
TO DETERMINE A FLOW RATE IN A
WELL

Atty. Docket: 101.0166

Mail Stop Amendment
Commissioner for Patents
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**RESPONSE TO RESTRICTION REQUIREMENT**

Dear Sir:

In response to the Office Action mailed December 21, 2006, the Applicants elect to prosecute Invention I, claims 1-48, in the present application. This election is made without traverse. Claims 49-94 are hereby withdrawn without prejudice to the filing of divisional applications. Please amend the application as follows:


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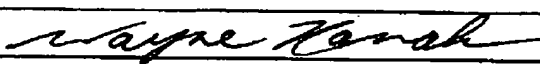
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TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application Number	10711,918	
	Filing Date	October 13, 2004	
	First Named Inventor	Tarvin, Jeffery A.	
	Art Unit	3676	
	Examiner Name	Ditreni, Angela M.	
Total Number of Pages in This Submission	14	Attorney Docket Number	101.0186US

ENCLOSURES (Check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input type="checkbox"/> Other Enclosure(s) (please identify below):
Remarks		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT			
Firm Name	Schlumberger Technology Corporation		
Signature			
Printed name	Wayne Kanak		
Date	January 16, 2007	Reg. No.	35, 564

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